

# The Effectiveness of Standardized Testing as an Analytical Tool for Various Purposes

Gregory J. Duchak, Kathleen C. Gross, Logan M. Symons

Advised by Mrs. Susan M. Ferguson, M.S. & Dr. Kathryn A. Kinnucan-Welsch, EdD

## Intelligence Levels

- Standardized testing accounts for linguistic and logical intelligences even though there are eight total intelligences.
- There has been evidence found that shows that the SAT does not measure minority students' intelligence levels.
- Pressure from standardized testing on teachers, "discourages schools from broadly implementing experiential learning opportunities."

STANDARDIZED  
TESTING

Should it define our  
children?



<http://crushingtallpoppies.com/2015/01/12/standardized-testing-should-it-define-our-children/>



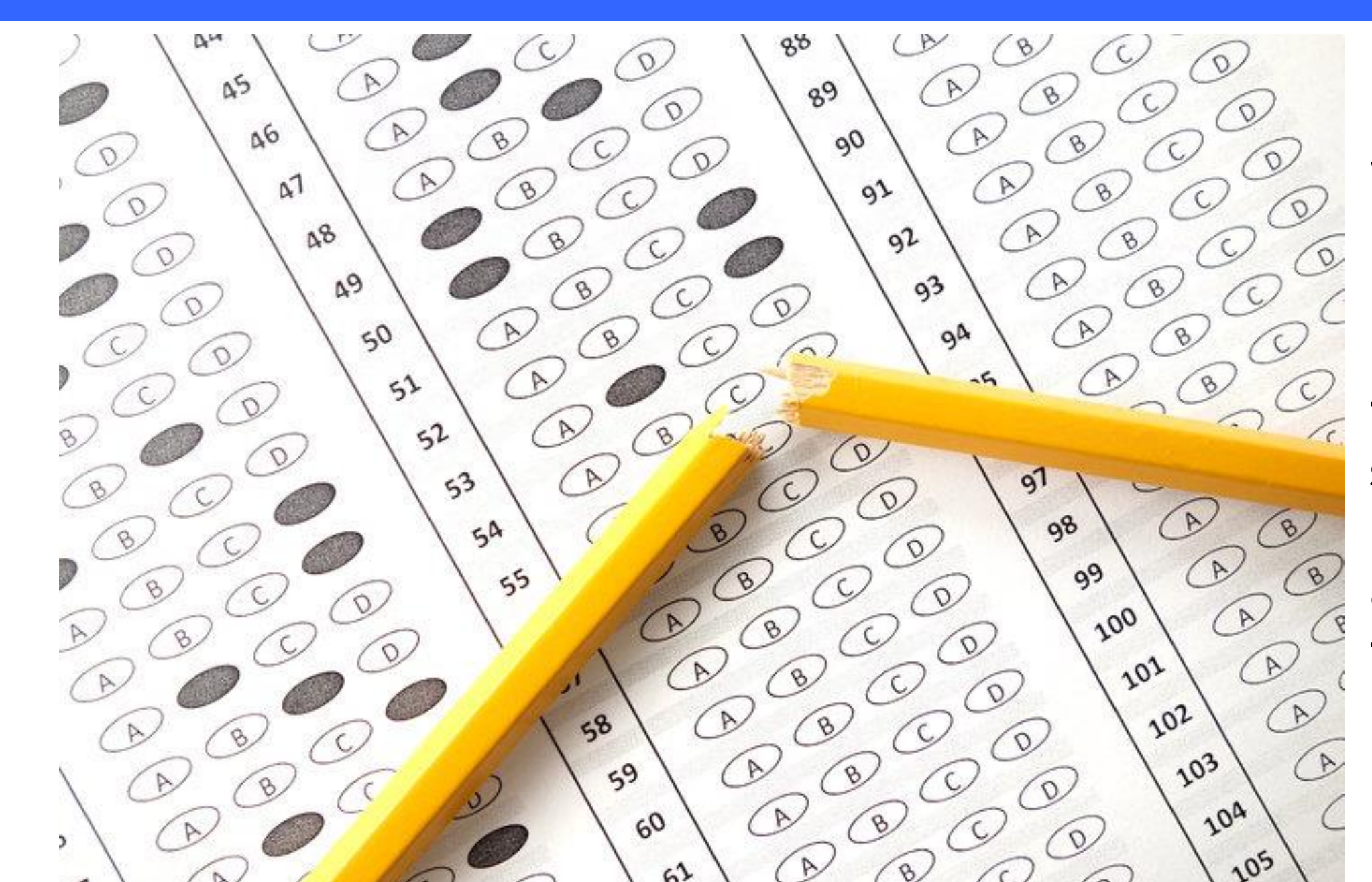
<https://www.teachthought.com/pedagogy/6-reasons-standardized-testing-is-at-best-problematic/>

## College Admissions

- Every college in the United States has an average ACT or SAT score range that their admitted students' scores fall in.
- Standardized testing causes heightened stress levels, starting as early as in kindergarten, and they continue taking standardized tests until they get to college.
- Some of the other factors are written supplements, commonly essays and short answer questions, and high school GPAs/grades and high school attendance.
- Some schools have implemented a test-optional option for their applications.

## Merit Pay

- Merit pay is defined as the act of paying teachers based on student performance.
- The performance measure most often used to award merit pay is standardized tests.
- Standardized tests can lead to a drill and practice method of teaching.
- Standardized tests and merit pay performance can also lead to cheating scandals.
- Many teachers do not believe standardized tests to be fair.
- A study conducted found that around 90% of don't believe standardized tests to be fair.
- Alternative methods have been used to award merit pay that may be more reliable than standardized tests.



[https://www.huffingtonpost.com/entry/standardized-tests-are-so-bad-i-cant-answer-these\\_us\\_586d5517e4b0c3539e80c341](https://www.huffingtonpost.com/entry/standardized-tests-are-so-bad-i-cant-answer-these_us_586d5517e4b0c3539e80c341)